

Standard



*Image for illustrative purpose only*

## Summary

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multi concentric connector

Number of contacts Low Voltage	5
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.30 - 7.70 mm
Size	3S
Suggested matching part	<a href="#">EGZ.3S.C05.CLA</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/fgz-3s-c05-clld72.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/fgz-3s-c05-clld72.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	5
Contact Termination Low voltage	Solder
Insert configuration value	3S.C05 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 A
Test voltage (kV DC)	0.85

## Form & Material

Shell style / Model id	FGZ - Straight plug - design chocolate block, cable collet
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Circular, male
Colour	Grey
Weight	45.19 g

## Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
Climatic Category	55/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

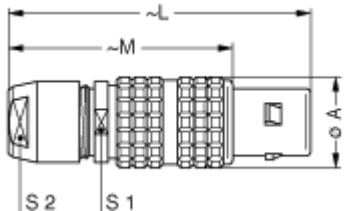
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## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.30 - 7.70 mm

## Drawings



## Dimensions

	A	L	M
mm.	18.8	58	43
in.	0.74	2.28	1.69

## Recommended By Lemo

### Tools

Spanner wrench	DCP.91.023.TN
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